

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127724.D
 Acq On : 08 Apr 2022 20:23
 Operator : CG\JU
 Sample : N2207-07RX
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220351-AMENDED-096-21-03RX

Quant Time: Apr 11 02:23:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

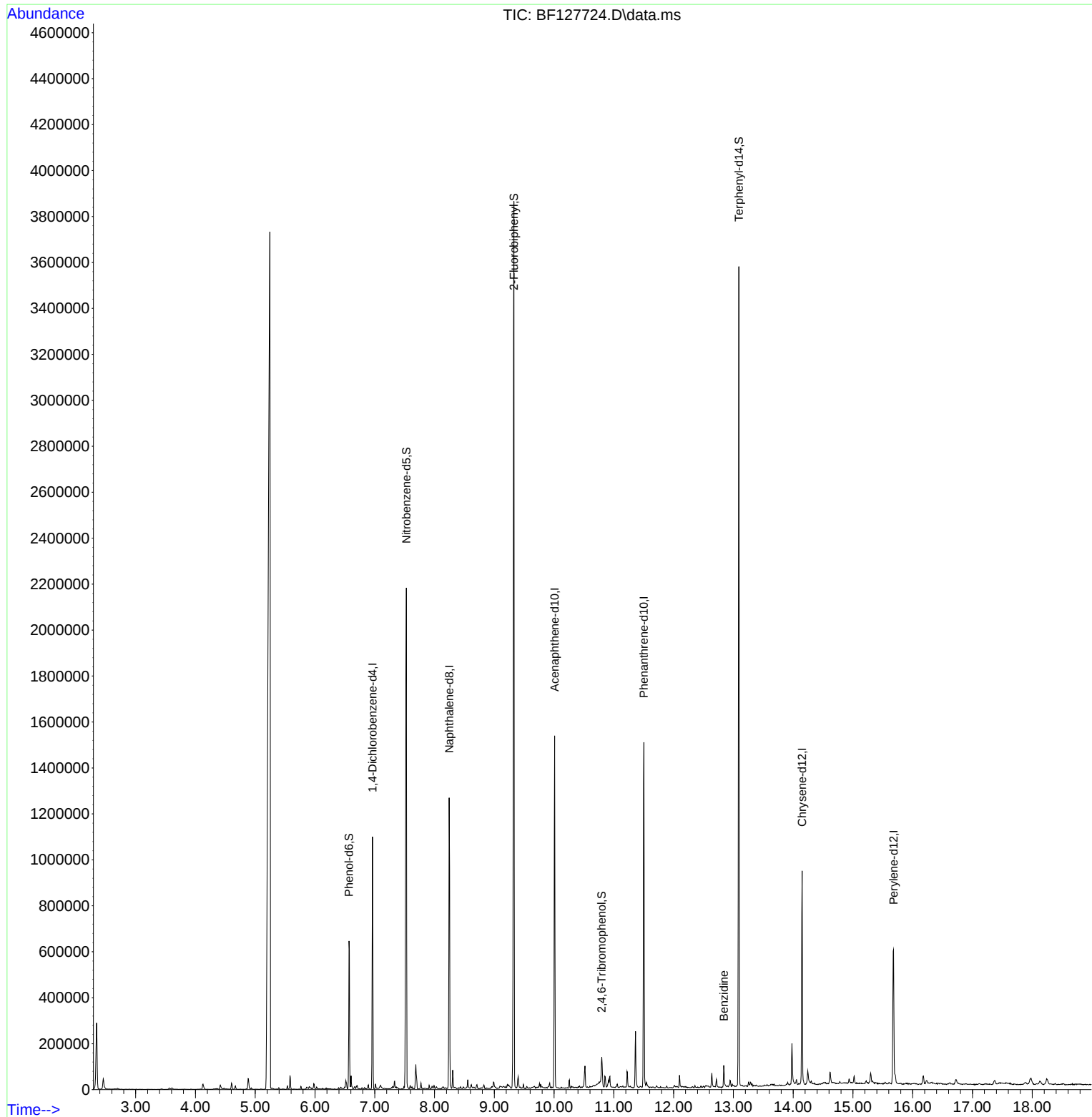
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139348	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	518628	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	306209	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	545814	20.000	ng	# 0.00
76) Chrysene-d12	14.151	240	318780	20.000	ng	0.00
86) Perylene-d12	15.680	264	296229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	14000	1.633	ng	0.00
7) Phenol-d6	6.569	99	202993	18.094	ng	-0.01
23) Nitrobenzene-d5	7.528	82	746675	64.184	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	8249	2.532	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1219693	56.349	ng	0.00
79) Terphenyl-d14	13.092	244	1206400	62.466	ng	0.00
Target Compounds						
77) Benzidine	12.839	184	38122	4.582	ng	Qvalue 95

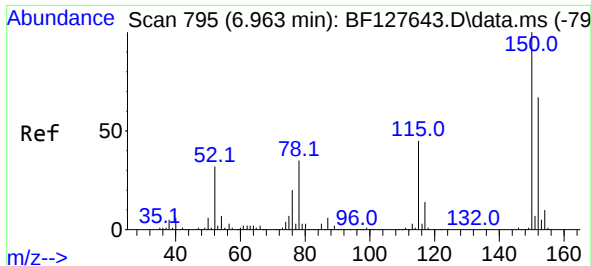
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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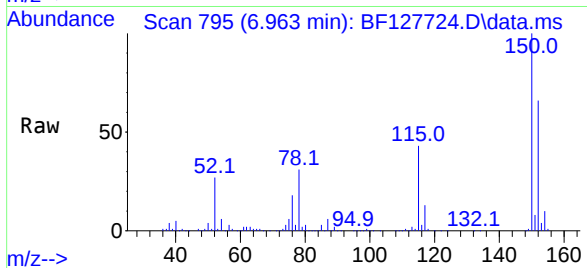
Quant Time: Apr 11 02:23:15 2022
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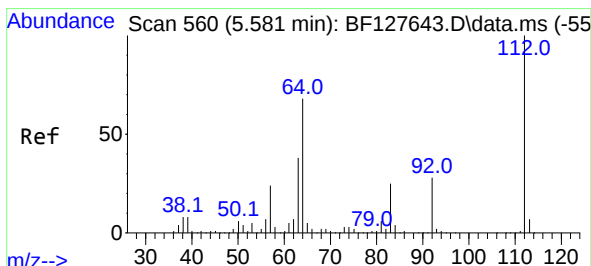
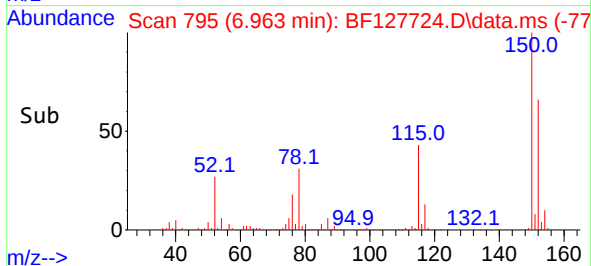
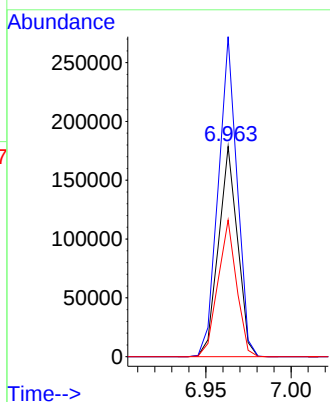


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

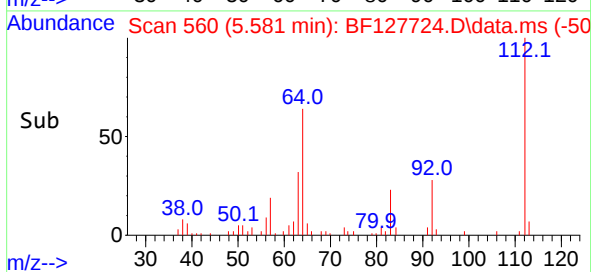
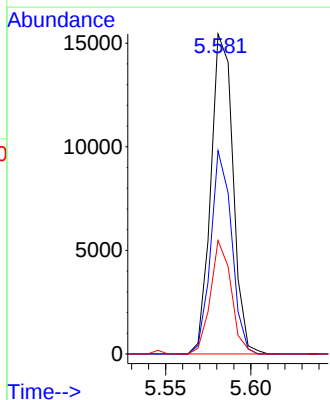
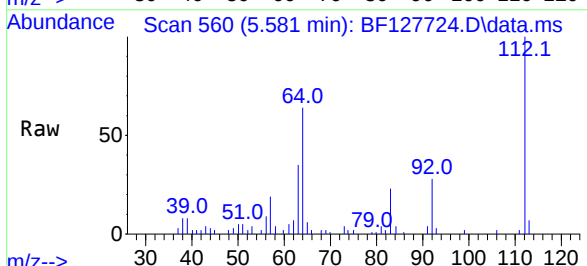


Tgt Ion:152 Resp: 139348
Ion Ratio Lower Upper
152 100
150 152.1 117.2 175.8
115 65.0 49.8 74.6



#5
2-Fluorophenol
Concen: 1.633 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion:112 Resp: 14000
Ion Ratio Lower Upper
112 100
64 63.5 58.4 87.6
63 35.4 30.1 45.1

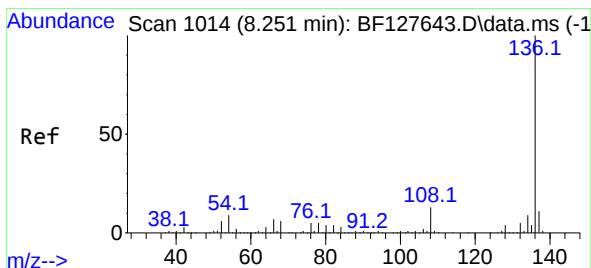
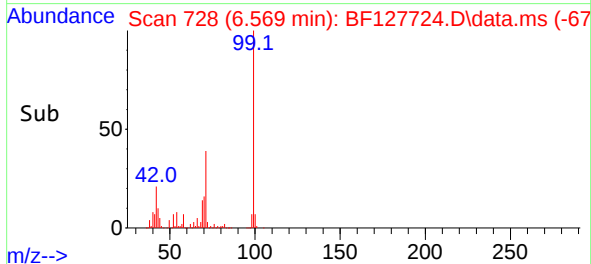
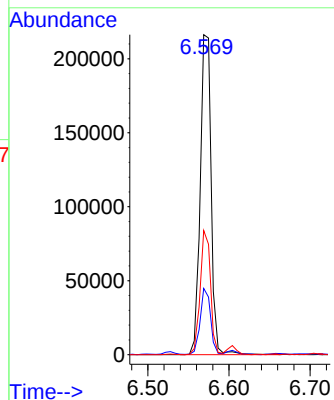
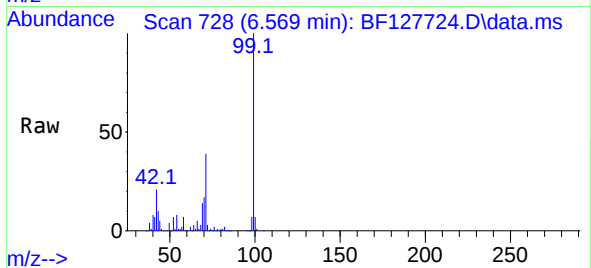




#7
Phenol-d6
Concen: 18.094 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

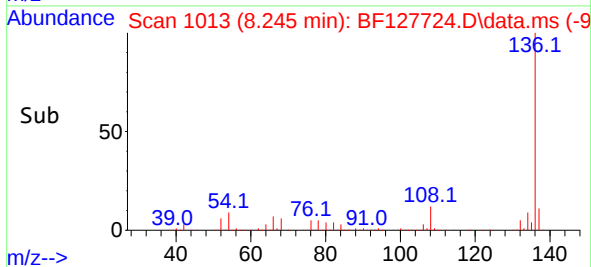
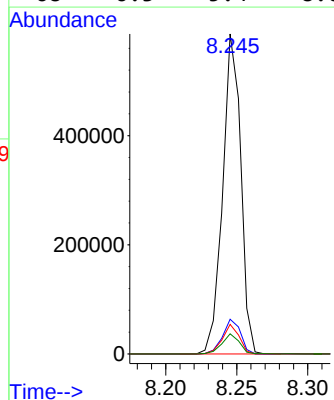
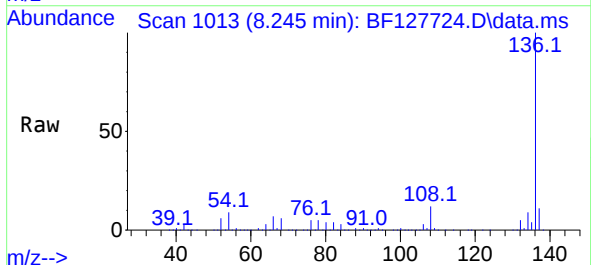
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

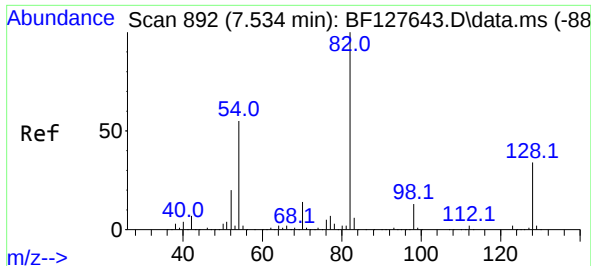
Tgt Ion: 99 Resp: 202993
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 38.8 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion: 136 Resp: 518628
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 9.2 13.8
68 6.3 5.4 8.0

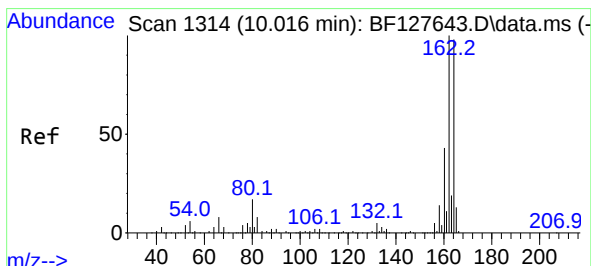
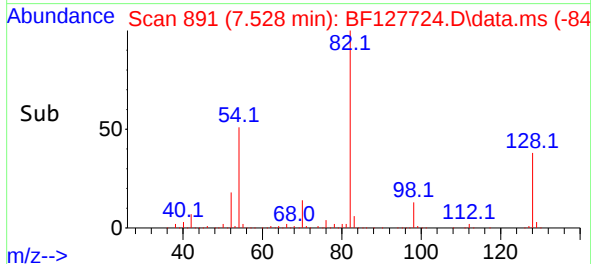
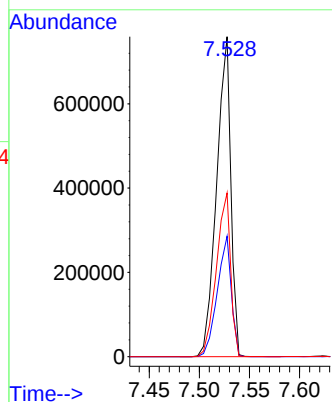
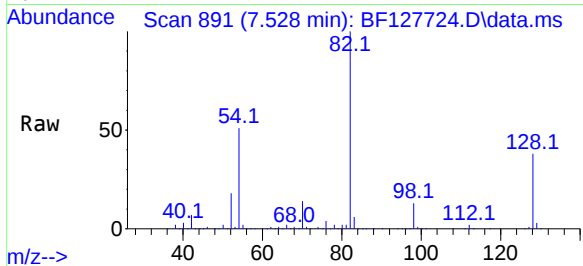




#23
Nitrobenzene-d5
Concen: 64.184 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

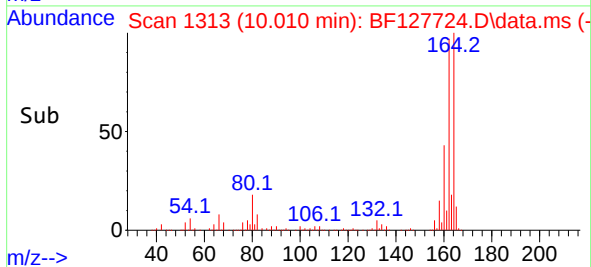
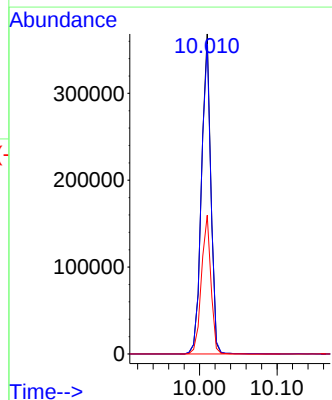
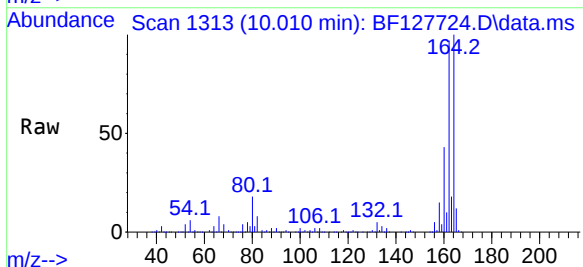
Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

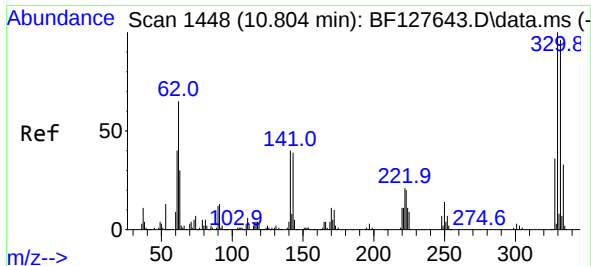
Tgt Ion: 82 Resp: 746675
Ion Ratio Lower Upper
82 100
128 37.7 30.6 45.8
54 51.2 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

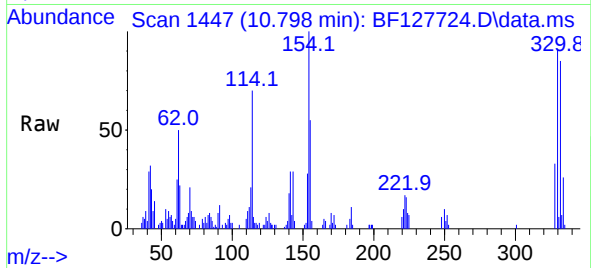
Tgt Ion:164 Resp: 306209
Ion Ratio Lower Upper
164 100
162 96.9 81.2 121.8
160 43.3 34.6 52.0



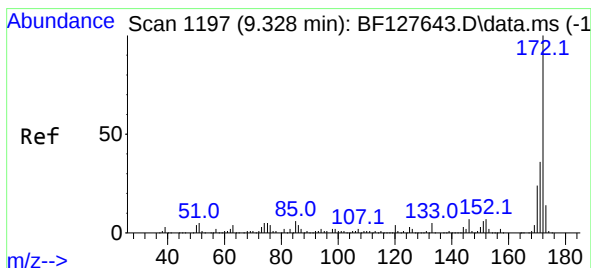
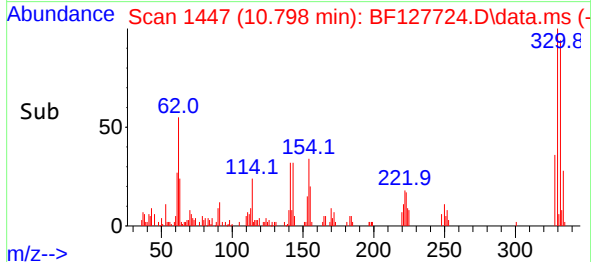
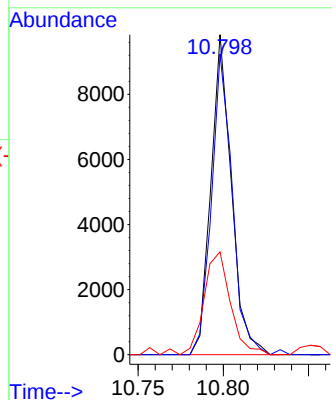


#42
2,4,6-Tribromophenol
Concen: 2.532 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Instrument :
BNA_F
ClientSampleId :
20220351-AMENDED-096-21-03RX

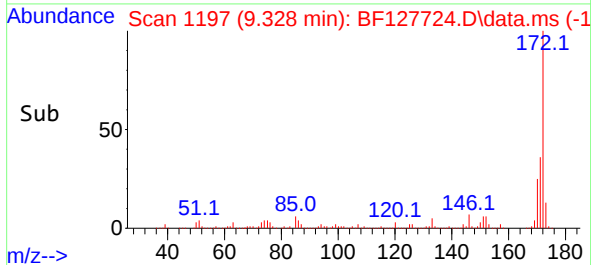
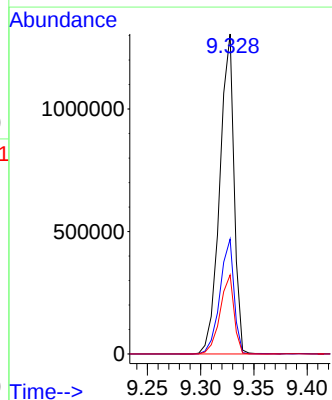
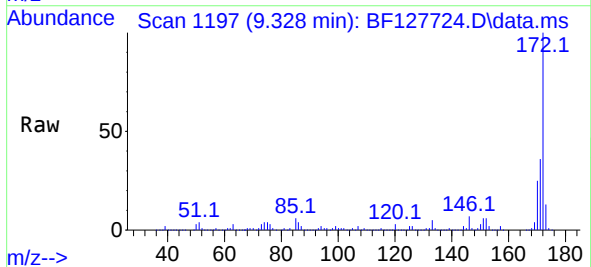


Tgt Ion:330 Resp: 8249
Ion Ratio Lower Upper
330 100
332 95.6 79.1 118.7
141 41.1 26.2 39.4#



#45
2-Fluorobiphenyl
Concen: 56.349 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion:172 Resp: 1219693
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.7 18.6 27.8

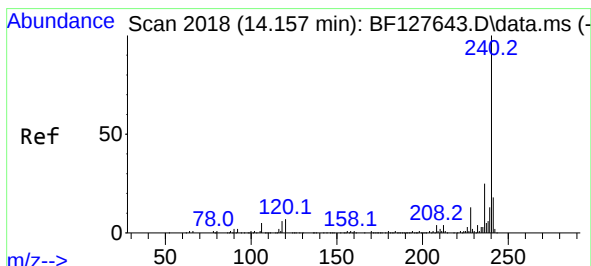
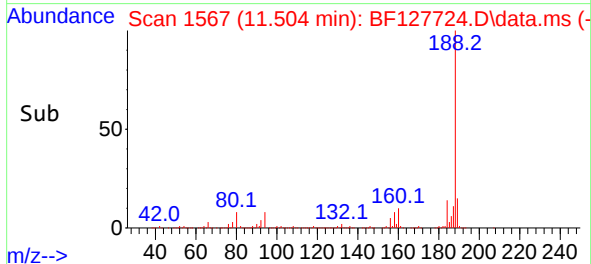
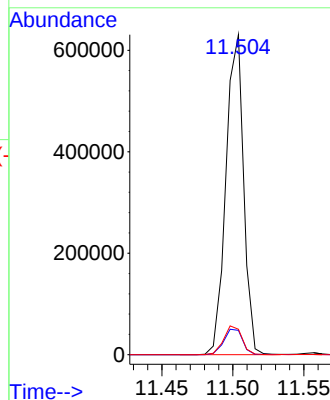
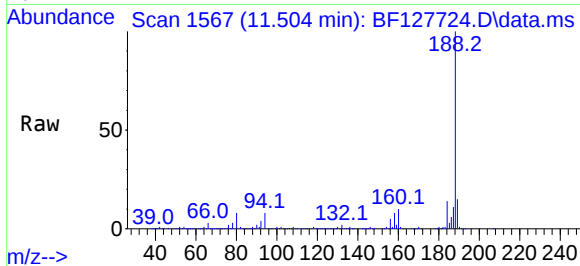




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

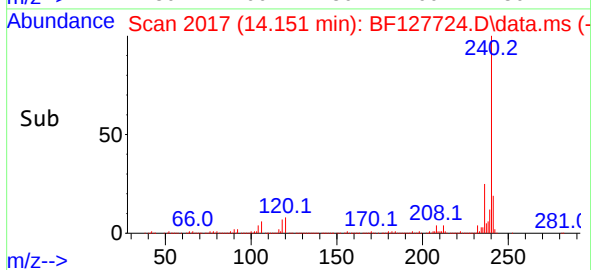
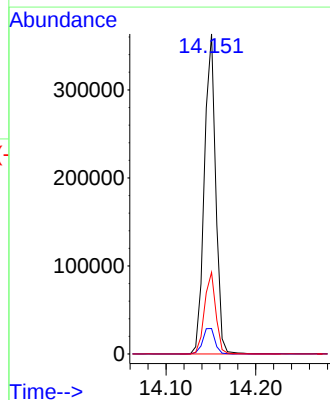
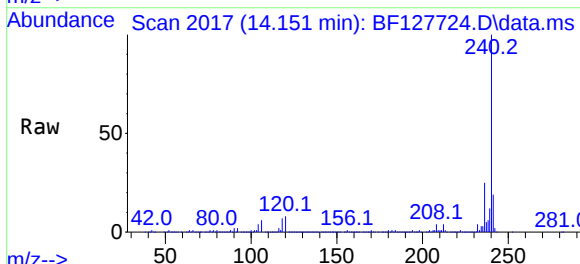
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20220351-AMENDED-096-21-03RX

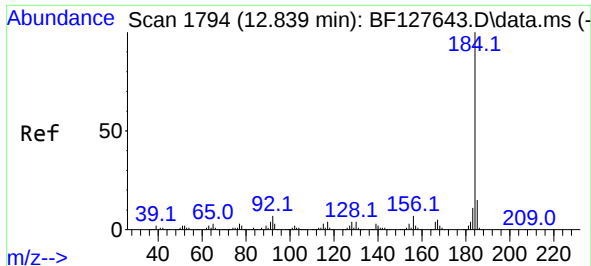
Tgt Ion:188 Resp: 545814
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.0 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

Tgt Ion:240 Resp: 318780
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.5 20.7 31.1

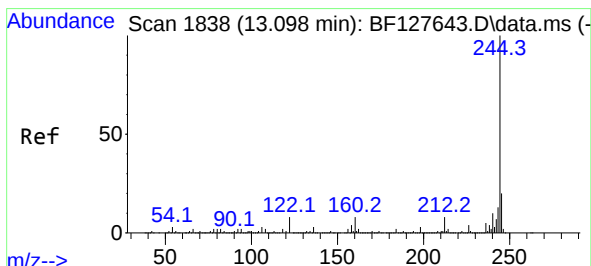
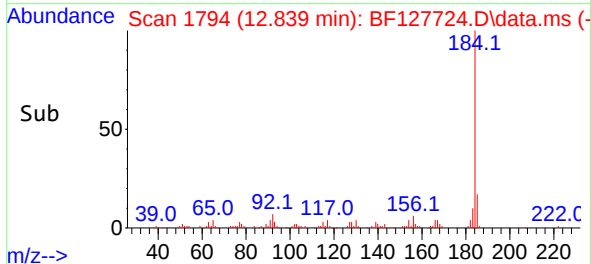
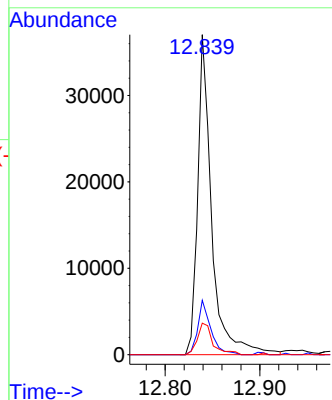
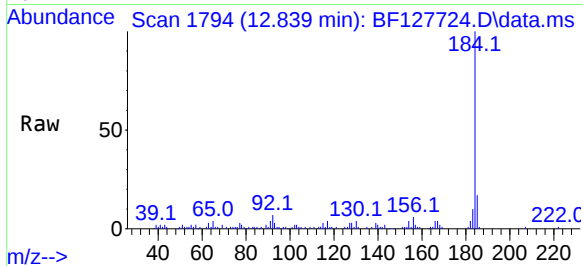




#77
Benzidine
Concen: 4.582 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

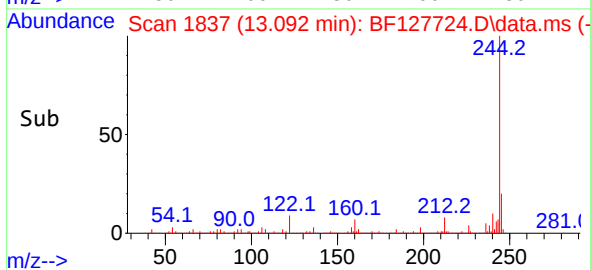
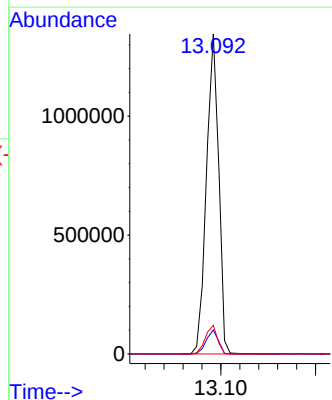
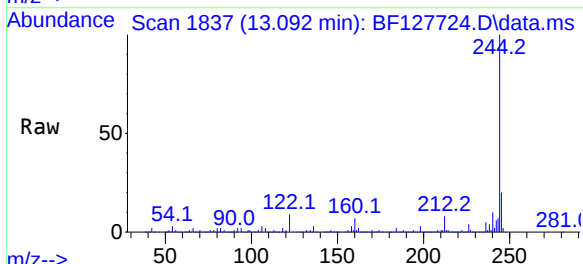
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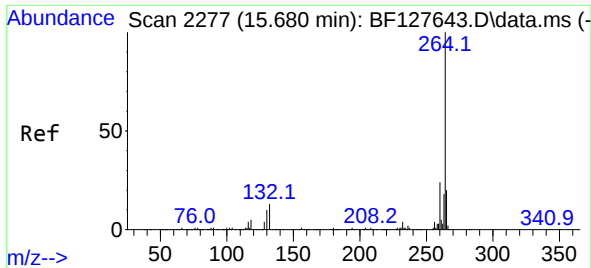
Tgt Ion:184 Resp: 38122
Ion Ratio Lower Upper
184 100
185 17.0 12.2 18.2
183 9.9 9.4 14.0



#79
Terphenyl-d14
Concen: 62.466 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127724.D
Acq: 08 Apr 2022 20:23

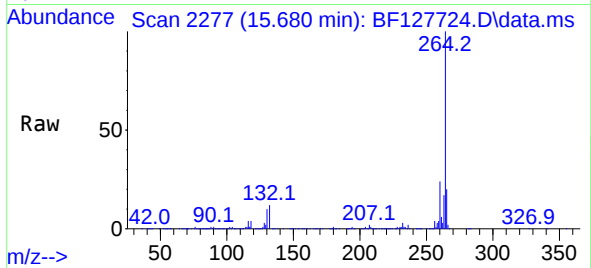
Tgt Ion:244 Resp: 1206400
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.9 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127724.D
 Acq: 08 Apr 2022 20:23

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 296229

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	20.3	17.4	26.2

